



FD-2604

1771

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Qinyun Peng et al ) Group Art Unit 1771  
Serial No. : 09/484,749 ) Examiner : Arti R. Singh  
Filed : 01/18/2000 )

For : ASPHALT ROOFING COMPOSITE INCLUDING  
ADHESION MODIFIER-TREATED GLASS FIBER MAT

1361 Alps Road  
Wayne, NJ 07470

MARCH 5, 2003

Commissioner for Patents  
Washington, DC 20231

Sir:

AMENDMENT

#10%  
LW  
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This is in response to the Examiner's Rejection mailed 12/16/2003. Please amend this application as follows.

IN THE CLAIMS

C4 Claim 1. (Amended Three Times) A glass fiber mat for use in making a roofing composite of asphalt-coated hand sheets and asphalt shingles, said mat comprising, by weight, about 68% to about 90% of fibers; about 10% to about 32% by weight of an organic resin binder; and having applied to the surface of said glass mat about 0.001% to about 20% by weight of an adhesion modifier which is non-reactive with said surface of the glass mat but which induces fiber pull-out during tear of the composite and thereby provides improved composite tear strength wherein said asphalt-coated hand sheets and asphalt shingles thereof meet or exceeds Tear Test D-1922 (ASTM D-3462, July 10, 1997 Ed), and wherein said adhesion modifier is a polysiloxane.